

Making the industry more efficient

A majority of all industrial occupations involve overexertion that invariably leads to accidents and hazards. Handling and storing materials in different industries involve diverse operations such as hoisting tons of steel with a crane; driving a truck loaded with concrete blocks; carrying bags or materials manually; and stacking palletized bricks or other materials such as drums, barrels, kegs, and lumber.

A survey reveals that an estimated 30 percent of the workforce is exposed to the hazard of lifting every day. [Trolleys, hand trucks and materials handling equipment](#) are an essential solution for reducing the risk of physical injuries for employees at work place. Industrial wheels and castors provide the best solutions for your materials handling equipment needs.

Manual material handling implies unaided moving of objects, which often leads to twisted and awkward postures resulting in musculoskeletal disorders. Moreover, with the increase in the female population at workplaces and a generally older workforce, risk of injuries due to manual material handling has certainly increased. Having the right material handling equipment has become essential for a smooth and efficient workflow and high productivity.

Material handling equipment can be custom built in any shape or form to suit any application. Material handling equipment is used to transport, stack, recover and feed bulk materials. The aim of [industrial wheels and castors](#) is to provide bulk material handling solutions to industries. The perfect choice of material handling equipment and good design of the material handling system and facility layout can increase productivity and reduce investments and operations' costs. When deciding what material handling equipment to use, it is important to take into account the general characteristics of the equipment types available in the market.

Material handling equipment can be generally classified as transport equipment, positioning equipment and unit load formation equipment. Transport equipment is used to move materials from one location to another and includes cranes and industrial trucks. Positioning equipment is used to handle material at a single location, so that it is in the correct position for subsequent handling, machining, transport, or storage. It includes hoists and lifts. Unlike transport equipment, positioning equipment is usually used at a single workplace.

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